

Form PTO-1390 (REV. 11-2000)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY DOCKET NUMBER 9052-2
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371			U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/528918
INTERNATIONAL APPLICATION NO. PCT/GB2003/004192US	INTERNATIONAL FILING DATE September 29, 2003	PRIORITY DATE CLAIMED September 27, 2002	
TITLE OF INVENTION NOVEL ANION-EXCHANGE MATERIALS			
APPLICANT(S) FOR DO/EO/US Lee et al.			
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:			
1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (22) indicated below. 4. <input type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4) 7. <input type="checkbox"/> Amendments to the claims of the International Application Under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report Under PCT Article 36 (35 U.S.C. 371(c)(5)).			
Items 11 to 21 below concern document(s) or information included: 11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A FIRST preliminary amendment. 14. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. 15. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 16. <input type="checkbox"/> A substitute specification. 17. <input type="checkbox"/> A change of power of attorney and/or address letter. 18. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825. 19. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). 20. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4) 21. <input checked="" type="checkbox"/> Other items or information: International Search Report, Notification of Transmittal of the International Preliminary Examination Report			

U.S. APPLICATION NO. (if known) 10/52891 (37 CFR 1.55)				INTERNATIONAL APPLICATION NO. PCT/GB2003/004192		ATTORNEY DOCKET NO. 9052													
21. The following fees are submitted: a) Basic national fee..... \$300.00 b) Examination fee..... \$200.00 c) Search fee..... \$500.00 TOTAL OF ABOVE CALCULATIONS = \$1000.00 <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.						CALCULATIONS													
								1,000.00											
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:10%;">Total Sheets</th> <th style="width:10%;">Extra sheets</th> <th style="width:30%;">Number of each additional 50 or fraction thereof (round up to a whole number)</th> <th style="width:10%;">RATE</th> <th colspan="2"></th> </tr> <tr> <td>-100+</td> <td>-/50+</td> <td></td> <td style="text-align: center;">X \$250.00</td> <td>\$</td> <td></td> </tr> </table>								Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE			-100+	-/50+		X \$250.00	\$	
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE																
-100+	-/50+		X \$250.00	\$															
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).						\$													
CLAIMS		NUMBER FILED	NUMBER EXTRA	RATE			\$												
Total claims		30- 20 =	10	x \$ 50.00			\$500.00												
Independent Claims		4- 3 =	1	x \$200.00			\$200.00												
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+ \$360.00			\$												
TOTAL OF ABOVE CALCULATIONS =						\$1,700.00													
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2						\$													
SUBTOTAL =						\$1,700.00													
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).						\$													
TOTAL NATIONAL FEE =						\$1,700.00													
Fee for Recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +						\$													
TOTAL FEES ENCLOSED =						\$1,700.00													
						Amount to be refunded:	\$												
						charged:	\$												

a. ☒ A check in the amount of \$1,700.00 to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. _____ in the amount of \$_____ to cover the above fees. A duplicate copy of this sheet is enclosed.

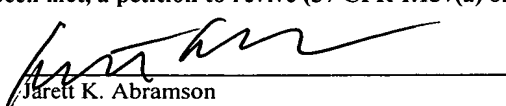
c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-0220. A duplicate copy of this sheet is enclosed.

d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

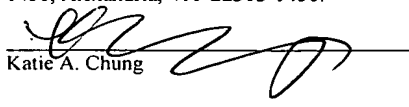
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Myers Bigel Sibley & Sajovec, P.A.
 P. O. Box 37428
 Raleigh, North Carolina 27627
 Telephone: (919) 854-1400
 Facsimile: (919) 854-1401
 Customer No. 20792


 Jarett K. Abramson
 Date: 3-23-05

CERTIFICATE OF EXPRESS MAILING
 Express Mail Label No. EV473661717
 Date of Deposit: March 23, 2005
 I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Mail Stop PCT, P.O. Box 1450, Alexandria, VA 22313-1450.


 Katie A. Chung